

10579412\_CLSTI TLES

Titles of most frequently occurring classifications of patents returned from a search of 10579412 on Mar 20, 2009

16 382/ 124 (13 OR, 3 XR)  
Class 382 IMAGE ANALYSIS  
382/ 100 . APPLICATI ONS  
382/ 115 .. Personnel identification (e.g., biometrics)  
382/ 124 ... Using a finger print

11 382/ 125 (7 OR, 4 XR)  
Class 382 IMAGE ANALYSIS  
382/ 100 . APPLICATI ONS  
382/ 115 .. Personnel identification (e.g., biometrics)  
382/ 124 ... Using a finger print  
382/ 125 .... Extracting minutia such as ridge endings and bifurcations

7 382/ 209 (1 OR, 6 XR)  
Class 382 IMAGE ANALYSIS  
382/ 181 . PATTERN RECOGNITION  
382/ 209 .. Template matching (e.g., specific devices that determine the best match)

5 707/ 3 (3 OR, 2 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
707/ 1 . DATABASE OR FILE ACCESSING  
707/ 3 .. Query processing (i.e., searching)

5 340/ 5. 83 (1 OR, 4 XR)  
Class 340 COMMUNICATIONS: ELECTRICAL  
340/ 825 . SELECTIVE  
340/ 5. 1 .. Intelligence comparison for controlling  
340/ 5. 8 ... Authentication (e.g., identity)  
340/ 5. 81 .... Personal identification  
340/ 5. 82 ..... Biometrics  
340/ 5. 83 ..... Image (Fingerprint, Face)

5 704/ E15. 045 (0 OR, 5 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LANGUAGES, LANGUAGE TRANSLATION, AND AUDIO COMPRESSI ON/DECOMPRESSI ON  
704/ E15. 001 . SPEECH RECOGNITION (EPO)  
704/ E15. 043 .. Speech to text systems (EPO)  
704/ E15. 045 ... Systems using speech recognizers (EPO)

5 704/ E17. 002 (0 OR, 5 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LANGUAGES, LANGUAGE TRANSLATION, AND AUDIO COMPRESSI ON/DECOMPRESSI ON  
704/ E17. 001 . SPEAKER IDENTIFICATION OR VERIFICATION (EPO)  
704/ E17. 002 .. Recognition of special voice characteristics, e.g., for use in a lie detector; recognition of animal voices, etc. (EPO)

5 707/ E17. 101 (0 OR, 5 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
707/ E17. 001 .. INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
707/ E17. 101 .. Of audio data (EPO)

4 707/ E17. 009 (0 OR, 4 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
707/ E17. 001 .. INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)

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707/ E17. 009 . . Information processing systems, e. g., multi media systems,  
et c. ( EPO)

4 382/ 116 ( 0 OR, 4 XR)  
 Class 382 IMAGE ANALYSIS  
 382/ 100 . APPLICATIONS  
 382/ 115 . . Personnel identification ( e. g. , biometrics)  
 382/ 116 . . . Using a combination of features ( e. g. , signature and  
fingerprint)

4 382/ 126 ( 1 OR, 3 XR)  
 Class 382 IMAGE ANALYSIS  
 382/ 100 . APPLICATIONS  
 382/ 115 . . Personnel identification ( e. g. , biometrics)  
 382/ 124 . . . Using a fingerprint  
 382/ 126 . . . . With a guiding mechanism for positioning finger

4 356/ 71 ( 0 OR, 4 XR)  
 Class 356 OPTICS: MEASURING AND TESTING  
 356/ 71 . DOCUMENT PATTERN ANALYSIS OR VERIFICATION

3 382/ 115 ( 2 OR, 1 XR)  
 Class 382 IMAGE ANALYSIS  
 382/ 100 . APPLICATIONS  
 382/ 115 . . Personnel identification ( e. g. , biometrics)

3 707/ E17. 108 ( 0 OR, 3 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES  
 707/ E17. 001 . INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE ( EPO)  
 707/ E17. 107 . . Retrieval from the Internet, e. g., browsers, et c. ( EPO)  
 707/ E17. 108 . . . By querying, e. g., search engines or meta-search engines,  
crawling techniques, push systems, et c. ( EPO)

3 707/ 4 ( 2 OR, 1 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES  
 707/ 1 . DATABASE OR FILE ACCESSING  
 707/ 3 . . Query processing ( i. e. , searching)  
 707/ 4 . . . Query formulation, input preparation, or translation

3 382/ 278 ( 0 OR, 3 XR)  
 Class 382 IMAGE ANALYSIS  
 382/ 276 . IMAGE TRANSFORMATION OR PREPROCESSING  
 382/ 278 . . Correlation

2 382/ 218 ( 1 OR, 1 XR)  
 Class 382 IMAGE ANALYSIS  
 382/ 181 . PATTERN RECOGNITION  
 382/ 209 . . Template matching ( e. g. , specific devices that determine  
the best match)  
 382/ 217 . . . Electronic template  
 382/ 218 . . . . Comparison

2 283/ 69 ( 0 OR, 2 XR)  
 Class 283 PRINTED MATTER  
 283/ 67 . METHOD  
 283/ 68 . . Fingerprint  
 283/ 69 . . . Identifying

2 707/ 5 ( 2 OR, 0 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES

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707/1 . DATABASE OR FILE ACCESSING  
 707/3 . . Query processing (i.e., searching)  
 707/5 . . Query augmenting and refining (e.g., inexact access)

2 382/119 (0 OR, 2 XR)  
 Class 382 IMAGE ANALYSIS  
 382/100 . APPLICATIONS  
 382/115 . . Personnel identification (e.g., biometrics)  
 382/119 . . Using a signature

2 707/10 (2 OR, 0 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/1 . DATABASE OR FILE ACCESSING  
 707/10 . . Distributed or remote access

2 707/101 (1 OR, 1 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/100 . DATABASE SCHEMA OR DATA STRUCTURE  
 707/101 . . Manipulating data structure (e.g., compression,  
 compaction, compilation)

2 707/E17.039 (0 OR, 2 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/E17.001 . INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
 707/E17.033 . . Processing unorder ed data (EPO)  
 707/E17.039 . . Sequential access, e.g., string matching, etc. (EPO)

2 340/5.8 (0 OR, 2 XR)  
 Class 340 COMMUNICATIONS: ELECTRICAL  
 340/825 . SELECTIVE  
 340/5.1 . . Intelligence comparison for controlling  
 340/5.8 . . Authentication (e.g., identity)

2 704/270 (2 OR, 0 XR)  
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LANGUAGES,  
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/200 . SPEECH SIGNAL PROCESSING  
 704/270 . . Application

2 283/68 (0 OR, 2 XR)  
 Class 283 PRINTED MATTER  
 283/67 . METHOD  
 283/68 . . Finger print

2 382/190 (0 OR, 2 XR)  
 Class 382 IMAGE ANALYSIS  
 382/181 . PATTERN RECOGNITION  
 382/190 . . Feature extraction

2 707/6 (0 OR, 2 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/1 . DATABASE OR FILE ACCESSING  
 707/3 . . Query processing (i.e., searching)  
 707/6 . . Pattern matching access

2 713/176 (2 OR, 0 XR)  
 Class 713 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 SUPPORT  
 713/150 . MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY

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713/ 168 . . Particular communication authentication technique  
713/ 176 . . Authentication by digital signature representation or  
digital watermark

2 382/ 254 ( 0 OR, 2 XR)  
Class 382 IMAGE ANALYSIS  
382/ 254 . IMAGE ENHANCEMENT OR RESTORATION